

Cal OES

Daily Weather Threat Briefing

Regional Operations Center

Western Region

Sunday, July 17

9:00 AM PDT



Day 1 (Sunday): Critical fire weather conditions are expected today in the northeast corner of California (Modoc, Siskiyou, and Lassen counties) due to gusty winds and dry relative humidity. Hot temperatures will also persist for much of interior California today, with generally moderate heat risk impacts possible.



Weather Risk Outlook

Regional Operations Center
Western Region
Sunday, July 17

	Sun, Jul 17	Mon, Jul 18	Tue, Jul 19	Wed, Jul 20	Thu, Jul 21	Fri, Jul 22	Sat, Jul 23			
Fire Weather Low RH / Wind / Dry T-Storms	Inland (northeast)	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern			
Thunderstorms Wind / Hail / Tornadoes	Inland/Southern (Mainly Mountains)	Inland/Southern (Mainly Mountains)	Inland/Southern (Mainly Mountains)							
Heat	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Southern	Southern	Southern			
Cold										
River Flooding										
Wind										
Heavy Rain Flash Flooding / Debris Flow										
Snow										
Coastal Flooding										
Risk Levels	Little to None		Minor		Moderate		Major		Extreme	



Weather Key Points

Regional Operations Center

Western Region

Sunday, July 17

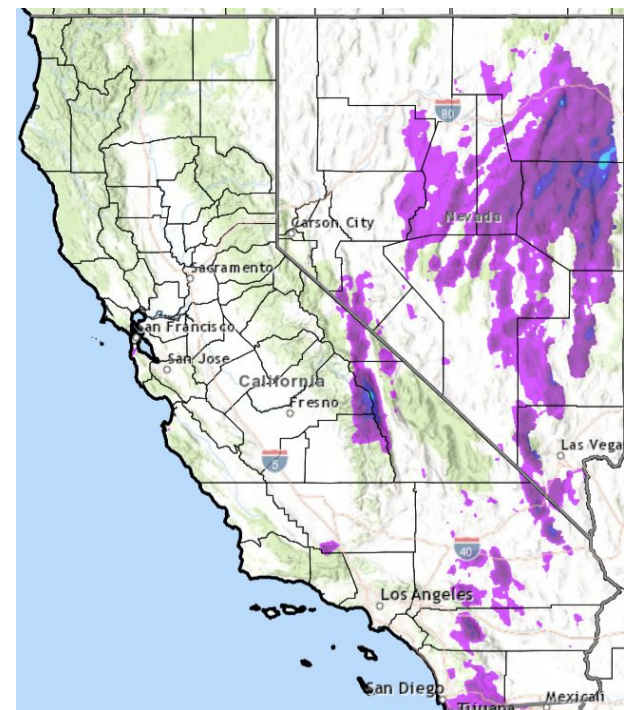
- Seasonably hot mid-July temperatures will continue for much of inland California through the first half of the week, with a cooling trend expected for the latter half of the week
 - Moderate to locally high heat risk impacts will persist each afternoon through early week, gradually becoming confined to mainly southern California by late week
 - High temperatures each afternoon will reach 95-105°F across much of the Central Valley (locally up to 110°F in portions of the San Joaquin Valley through Monday), with readings of 105-115°F common for the southern deserts
- Similar to the past few weeks, afternoon and evening breezy winds in and around the mountains, foothills, and southern deserts will bring locally elevated fire weather conditions each day through next week
 - Somewhat stronger winds (with gusts of 30-40 mph) will produce critical fire weather conditions in portions of Modoc, Siskiyou, and Lassen counties on Sunday, potentially lingering into Monday
- Scattered monsoon showers and thunderstorms are expected to form across the Sierra as well as the southern mountains and deserts through Tuesday
 - Widespread impacts from any storms are not expected, though locally heavy rainfall and gusty winds are possible where storms develop

Precipitation Forecast

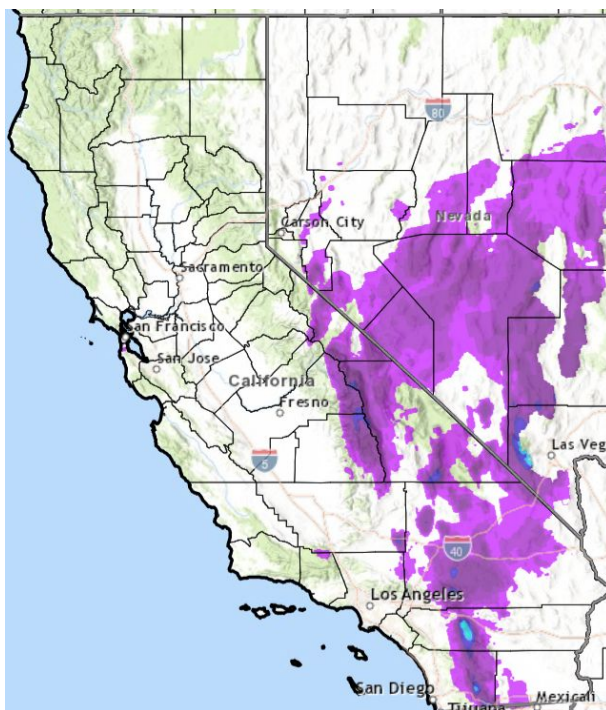
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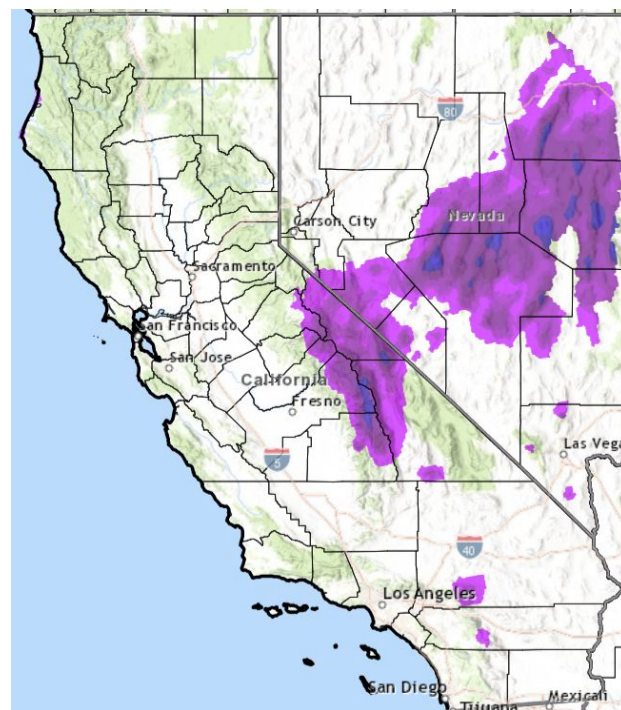
Sunday, July 17



Sunday



Monday



Tuesday

Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms may produce locally higher rainfall amounts.

Precipitation (inches)



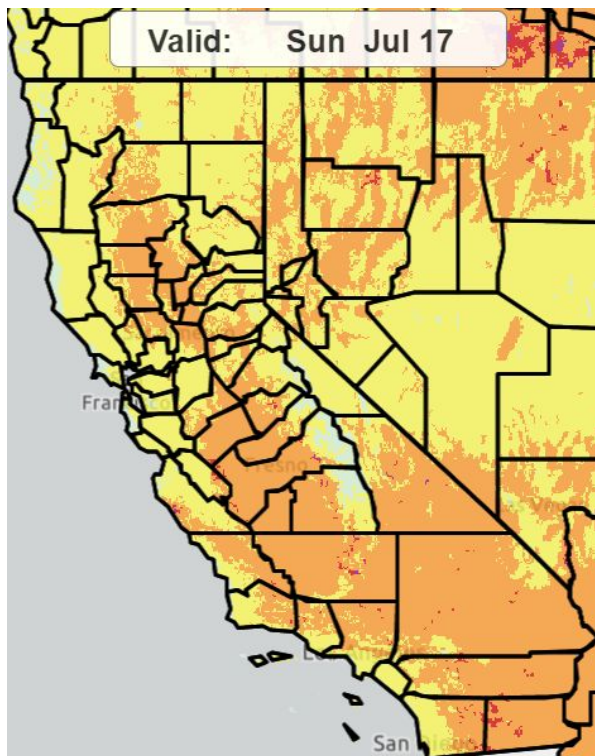


Heat Risk

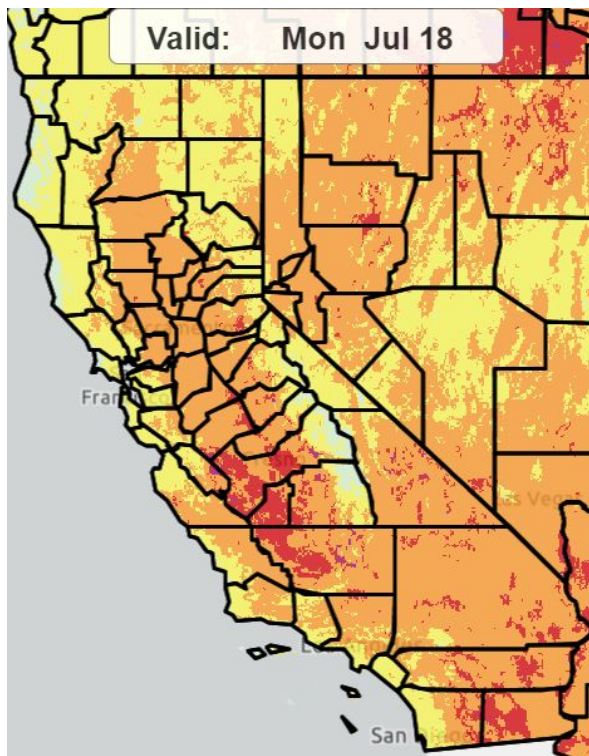
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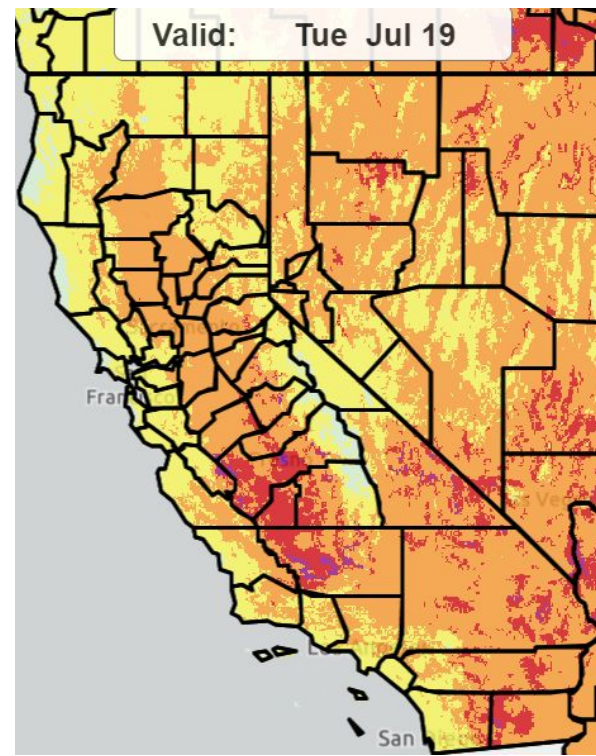
Sunday, July 17



Sunday



Monday



Tuesday

Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	Level 4	Very High Risk for the entire population due to long duration heat, with little to no relief overnight



Weather Outlook (6-14 Days)

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6-10 Day Outlook (July 22 – July 26)

Temperatures

- Above normal temperatures are favored for the southern half of the state, with generally near normal temperatures favored for northern California

Precipitation

- Below normal precipitation is favored across far northern California, with near normal precipitation favored for the remainder of the state, except for far southeast California where above normal precipitation is favored (near the Arizona border)

8-14 Day Outlook (July 24 – July 30)

Temperatures

- Above normal temperatures are favored statewide

Precipitation

- Near normal precipitation is favored for the northern half of California, with above normal precipitation slightly favored for the southern half of the state



Risk Assessment Matrix

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Impact Level Definition

- 1. Impactful weather is not expected.**
- 2. Potential threat to lives and property if no/incorrect actions are taken.**
 - Localized impacts on commerce possible.
 - Includes events that occur frequently.
- 3. Potential threat to lives and property if no/incorrect actions are taken.**
 - Impacts on commerce possible.
 - Includes events that occur a few times per year.
- 4. Actions likely needed to save lives and/or property.**
 - Significant impacts to commerce possible.
 - Includes events that occur infrequently.
- 5. Actions required to save lives and/or property.**
 - Significant and extended impacts to commerce.
 - Includes exceptionally rare events.

